



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

INDEX
TO THE
PHILOSOPHICAL TRANSACTIONS
FOR THE YEAR 1849.

A.

- Acidity of the Urine*, on the variations of, 235.
Anatomy and affinities of the Medusæ, 413.
Annelides, structure of the liver in, 110.
Antimony, crystalline polarity of, 13.
Arachnidans, structure of the liver in, 116.
Arsenic, crystalline polarity of, 17.
Atlantic, lines of Magnetic Declination in, 173.

B.

- BAKERIAN LECTURE, 1.
BARLOW (W. H. Esq.). On the Spontaneous Electrical Currents observed in the Wires of the Electric Telegraph, 61.
Birds, structure of the liver in, 123.
Bismuth, crystalline polarity of, 2.
BRODIE (B. C., Esq.). Investigation on the Chemical Nature of Wax, 91.
Brom-orcin, 397.
Bryozoon, structure of the liver in, 109.

C.

- Carapace of Chelonian Reptiles*, development and homologies of, 151.
Chelonian Reptiles, on the development and homologies of the carapace and plastron of, 151; definition of the component parts of the Carapace, 152; of the Plastron, 153. Comparison of the thoracic segment of the Tortoise with that of the Bird, 157—and with that of the Crocodile, 158. Embryonic condition and development of the Carapace, 159; of the Plastron, 163. Dermal nature and seat of development of the neural, costal and lateral plates, and of certain parts of the Plastron, 164. Summary, 165. Supplement on Professor RATHKE's conclusions, 166.

Chlor-melal, 95.

Contributions to Terrestrial Magnetism, No. IX., 173.

Crustaceans, structure of the liver in, 115.

Crystalline polarity of bismuth, 2; of antimony, 13; of arsenic, 17.

D.

DALRYMPLE (JOHN, Esq.). Description of an infusory animalcule allied to Notommata, 331.

Dasyurus ursinus, on the dental tissues of, 408.

Declination (magnetic) in the Atlantic, 173.

Dental tissues of the Marsupial Animals, structure of, 403.

Didelphis virginiana, on the dental tissues of, 410.

E.

Echinodermata, structure of the liver in, 109.

Electrical currents (spontaneous) observed in the wires of the electric telegraph, 61.

Electricity, Experimental Researches in, Twenty-second Series. On the crystalline polarity of bismuth and other bodies, and on its relation to the magnetic form of force, 1, 19. Crystalline polarity of bismuth, 2; of antimony, 13; of arsenic, 17. Crystalline condition of various bodies, 19. Magne-crystallic force, 22.

Embryonic condition of carapace and plastron of Chelonian Reptiles, 158, 159.

F.

FARADAY (Dr.). Experimental Researches in Electricity. Twenty-second Series, 1, 19.

Fish (Ganoid and Placoid), on the microscopic structure of the scales and dermal teeth of, 435.

— structure of the liver in, 118.

G.

Ganglia and nerves of the Heart, 43.

Ganoid and Placoid Fish, on the structure of the scales and dermal teeth of, 435.

Gases, on the Motion of, 349.

GLAISHER (JAMES, Esq.). On the reduction of the Thermometrical Observations made at the Apartments of the Royal Society, from the years 1774 to 1781, and from the years 1787 to 1843, 307.

GRAHAM (THOMAS, Esq.). On the Motion of Gases. Part II., 349.

GROVE (W. R., Esq.). On the effect of Surrounding Media on Voltaic Ignition, 49.

Gyrophora pustulata, analysis of, 393.

H.

Heart, on the ganglia and nerves of the, 43.

HUXLEY (THOMAS HENRY, Esq.). On the Antomy and Affinities of the Medusæ, 413.

Hylæosaurus, on the osteology of, 271.

Hypsiprymnus minor and *penicillatus*, on the dental tissues of, 406.

I.

Iguanodon, notes on the vertebral column of, 285.

———, osteology of, 271. Angular bone of lower jaw, 272. Vertebral column, 272. Pectoral arch, 277. Restoration of pectoral arch, 279. Humerus, 280. Hindèr extremities, 282.

Infusory animalcule, description of, 331.

Insects, structure of the liver in, 113.

J.

JONES (Dr. C. HANDFIELD.). On the Structure and Development of the Liver, 109.

JONES (Dr. H. BENCE.). Contributions to the Chemistry of the Urine. Paper III., 235.

L.

Lecanora tartarea, analysis of, 396.

LEE (Dr. ROBERT). On the Nerves and Ganglia of the Heart, 43.

Lichens, on the proximate principles of, 393. *Gyrophora pustulata*, 393. *Lecanora tartarea*, 396. Brom-orcin, 397. Quintonitrated erythromannite, 399.

Liver, on the structure and development of, 109; in the Bryozoon Polype, 109; in the Echinodermata, 109; in the Annelides, 110; in Insects, 113; in Crustaceans, 115; in Arachnidans, 116; in Mollusca, 116; in Fishes, 118; in Reptilia, 122; in Birds, 123; in Mammalia, 124; development, 129.

M.

Macropus giganteus, on the dental tissues of, 404.

Magnecrystallic force, nature of, 22.

Magnetic declination, lines of, in the Atlantic, 173.

Magnetism, Terrestrial, Contributions to, No. IX. 173. Introduction, 173. Observations employed —A. Sea observations uncorrected for the ship's magnetism, 175; B. Sea observations corrected for the ship's magnetism, 176. Discussion of the corrections for the ship's magnetism, 177. Arrangement of the observations, 195. Table of the declination in 1840 at the intersection of every 5° of latitude and longitude, 202. Table of secular change, 203. Comparison with M. GAUSS's general theory, 204. General table of the observations employed in the Map, arranged according to latitude and longitude, 207.

Mammalia, structure of the liver in, 124.

MANTELL (Dr. G. A.). Additional observations on the Osteology of the *Iguanodon* and *Hylæosaurus*, 271.

Marsupial animals, on the dental tissues of, and more particularly of the enamel, 403.

Melen, 99.

Melissin, 93,—*Melissic acid*, 94.

MELVILLE (Dr. A. G.). Notes on the Vertebral Column of the *Iguanodon*, 285.

Meteorology of the Lake Districts of Cumberland and Westmoreland, 73, 319.

Mollusca, structure of the liver in, 116.

Monostomatæ, anatomy of, 413.

Myricin, 91; distillation of, 98; palmitic acid from saponification and distillation of, 96, 98.

N.

Nitroprussides, a New Class of Salts, on the. Section I. 477. Section II. General remarks on the Nitroprussides, 485. Nitroprussic acid, 486. Nitroprusside of sodium, 487; of potassium, 490; of barium, 492; of silver, 493; of copper, 495; of iron, 496; of zinc, 497. Section III. On changes in solutions of Nitroprussides, 498. Section IV. On the action of caustic alkalies in nitroprussides, 508. Section V. Action of an Alkaline Sulphuride on a Nitroprusside, 511. Action of sulphuretted hydrogen on nitroprussides, 513. On the constitution of the nitroprussides, 516.

Notommata, description of an infusory animalcule allied to, 331.

O.

Osteology of *Iguanodon* and *Hylæosaurus*, 271.

OWEN (Professor). On the Development and Homologies of the Carapace and Plastron of the Chelonian Reptiles, 151.

P.

Palmitic acid, 96.

Petaurus taguanoides and *sciureus*, on the dentinal tissues of, 408.

Phalangista vulpina, on the dentinal tissues of, 407.

Phascolumys Wombat, on the dentinal tissues of, 406.

Placoid and Ganoid Fish, on the structure of the scales and dermal teeth of, 435.

PLAYFAIR (Dr. LYON). On the Nitroprussides, a New Class of Salts, 477.

Potass (caustic), its influence on the acidity of the urine, 261.

Q.

Quinto-nitrated erythromannite, 399.

R.

Rain, fall of, at various heights above the earth's surface, 13, 319.

Reptilia, structure of the liver in, 122.

Rhizostomidæ, anatomy of, 413.

S.

SABINE (Lieut.-Colonel). Contributions to Terrestrial Magnetism, No. IX. 173.

Salts, a new class of, the nitroprussides, 477.

STENHOUSE (Dr. JOHN). Examination of the proximate Principles of some of the Lichens, 393.

Sulphate of Iron, magneocrystallic condition of, 37.

Sulphates, variation of, in urine, 252.

T.

Tartaric acid and tartrate of potash, their influence on the acidity of the urine, 261.

Terrestrial magnetism, Contributions to, No. IX. 173.

Thermometrical Observations made at the Apartments of the Royal Society, reduction of, 307.

Thylacinus cynocephalus, on the dental tissues of, 409.

TOMES (JOHN, Esq.). On the Structure of the Dental Tissues of Marsupial Animals, and more particularly of the Enamel, 403.

Tongue, minute structure of the papillæ and nerves of, in the Frog and Toad, 139. Tongue of the Frog, 139. Vibratile cilia and rugæ, 141. Conical papillæ, 142. Nerves of, 145. Nerves of the inferior surface of the tongue, 146. Mucous follicles, 146. Tongue of the Toad, 147.

Tortoise, thoracic segment of, compared with that of Birds, 157,—and with that of the Crocodile, 158.

Transpiration of Gases, 349.

U.

Urine, Contributions to the Chemistry of, 235. I. On the variations in the acidity of the urine in a state of health, 235. II. On the simultaneous variations of the amount of uric acid and the acidity of the urine in a healthy state, 245. On the deposit of urates in the urine, 251. III. Variation of the sulphates in the urine in a healthy state, and on the influence of sulphuric acid, sulphur and the sulphates, on the amount of sulphates in the urine, 252. On the influence of caustic potash, tartaric acid and the tartrate of potash, on the acidity of the urine, 265.

V.

Voltaic Ignition, effect of surrounding media on, 49.

W.

WALLER (Dr. A.). Minute Structure of the Papillæ of the Tongue of the Frog and Toad, 139.

Wax, Investigation on the Chemical Nature of, III., 91. Myricin, 91. Melissin, 93. Melissic acid, 94. Chlor-melal, 95. Palmitic acid from the saponification of myricin, 96. Distillation of myricin, 98. Palmitic acid from the distillation of myricin, 98. Melen, 99.

WILLIAMSON (W. C., Esq.). On the Microscopic Structure of the Scales and Dermal Teeth of some Ganoid and Placoid Fish, 435.

LONDON:

PRINTED BY RICHARD AND JOHN E. TAYLOR,
RED LION COURT, FLEET STREET.

P R E S E N T S

RECEIVED BY

T H E R O Y A L S O C I E T Y ,

WITH THE

NAMES OF THE DONORS.

From November 1848 to June 1849.

PRESENTS.	DONORS.
ACADEMIES and SOCIETIES.	
Berlin :—	
Abhandlungen der Königlichen Akademie der Wissenschaften zu Berlin, aus dem Jahre 1846. 4to. <i>Berlin</i> 1848.	The Academy.
Monatsbericht. January 1848 to March 1849. 8vo.	—————
Die Fortschritte der Physik im Jahre 1846, dargestellt von der Physikalischen Gesellschaft zu Berlin, Zweiter Jahrgang. 8vo. <i>Berlin</i> 1848.	The Society.
Bombay :—Transactions of the Bombay Geographical Society from February to December 1846, April to September 1848. 8vo.	The Society.
Boston :—	
Memoirs of the American Academy of Arts and Sciences. New Series, Vol. III. 4to. <i>Cambridge</i> and <i>Boston</i> 1848.	The Academy.
Proceedings of the American Academy of Arts and Sciences. Vol. I. 8vo. <i>Boston</i> 1848.	—————
Breslau :—	
Novorum Actorum Academiae Cæsareæ Leopoldino-Carolinæ Naturæ Curiosorum. Vol. XXI. Supplement. Vol. XXII. 4to. <i>Vratislaviæ</i> 1846–47.	The Academy.
Uebersicht der Arbeiten und Veränderungen der Schlesischen Gesellschaft für vaterländische Kultur im Jahre 1847. 4to. <i>Breslau</i> 1848.	The Society.
Brussels :—	
Mémoires de l'Académie Royale de Belgique. Tome XXI. 4to. <i>Bruxelles</i> 1848.	The Academy.
Mémoires Couronnés de l'Académie Royale de Belgique. Tome XXII. 4to. <i>Bruxelles</i> 1848.	—————
Annales de l'Observatoire Royal de Bruxelles. Tome VI. 4to. <i>Bruxelles</i> 1848.	—————
Bulletins de l'Académie Royale de Belgique. Tome XIV. Part 2. Tome XV. Part 1.	—————
Annuaire de l'Académie Royale de Belgique. 8vo. <i>Bruxelles</i> 1848.	—————

PRESENTS. ACADEMIES and SOCIETIES (<i>continued</i>).	DONORS.
Brussels:—	
Annuaire de l'Observatoire Royal de Bruxelles pour 1848. 8vo. <i>Bruxelles</i> 1847.	The Academy.
Catalogue des livres de la Bibliothèque de l'Observatoire Royal de Bruxelles. 8vo. <i>Bruxelles</i> 1847.	————
Rapport sur l'État et les Travaux de l'Observatoire Royal pendant l'année 1847, par A. Quetelet. 8vo. <i>Bruxelles</i> 1847.	————
Registres de la Population Belgique. 8vo. <i>Bruxelles</i> 1848.	————
Cornwall:—	
The Tenth Annual Report of the Royal Cornwall Polytechnic Society, 1842.	The Society.
The Sixteenth Annual Report of the Royal Cornwall Polytechnic Society. 8vo. <i>Falmouth</i> 1848.	————
Thirty-fifth Annual Report of the Council of the Royal Geological Society of Cornwall. 8vo. <i>Penzance</i> 1848.	The Society.
Dublin:—	
The Transactions of the Royal Irish Academy. Vol. XXI. Part 2. 4to. <i>Dublin</i> 1848.	The Academy.
Proceedings of the Royal Irish Academy. Vol. III. Vol. IV. Part 1.	————
Journal of the Geological Society of Dublin. Vol. III. Part 4. 8vo.	The Society.
Edinburgh:—	
Transactions of the Royal Society of Edinburgh. Vol. XVI. Part 4, and Vol. XVIII.	The Society.
Proceedings of the Royal Society of Edinburgh. Nos. 31, 32.	————
Transactions of the Royal Scottish Society of Arts. Vol. III. Parts 2 and 3. 8vo. <i>Edinburgh</i> 1846–48.	The Society.
Glasgow:—Proceedings of the Philosophical Society of Glasgow. Vol. II. 1841–48. 8vo. <i>Glasgow</i> 1848.	The Society.
Göttingen:—Nachrichten von der Universität und der Königl. Gesellschaft der Wissenschaften zu Göttingen vom Jahre 1848. Nos. 1 to 14. 8vo. <i>Göttingen</i> 1848.	Royal Society of Sciences at Göttingen.
Helsingfors:—	
Acta Societatis Scientiarum Fennicæ. Tomus II. Pt. 4 et Supp. 4to. <i>Helsingfors</i> 1847.	The Society.
Notiser ur Sällskapets Pro Fauna et Flora Fennica Förhandlingar; Bihang till Acta Societatis Scientiarum Fennicæ. Första häftet. 4to. <i>Helsingfors</i> 1848.	————
Lausanne:—Bulletin des Séances de la Société Vaudoise des Sciences Naturelles. Nos. 16, 17, 18.	The Society.
Liverpool:—Proceedings of the Literary and Philosophical Society of Liverpool. Nos. 1 to 4. 8vo. <i>Liverpool</i> 1846–48.	The Society.
London:—	
British Archæological Association Journal. Nos. 6, 7 and 9 to 15 inclusive. 8vo.	The Association.
British Association. Report of the British Association for the Advancement of Science for 1847. 8vo. <i>London</i> 1848.	The Association.
Chemical Society. Quarterly Journal. Nos. 4 and 5. 8vo. <i>London</i> 1849.	The Society.

PRESENTS.	DONORS.
ACADEMIES and SOCIETIES (<i>continued</i>).	
London :—	
Geological Society. Quarterly Journal. Nos. 15, 16, 17, 18. 1848–49.	The Society.
Horticultural Society. Journal. Vols. I. II. and Parts 1, 2. Vol. III. 8vo.	The Society.
<i>London</i> 1846–48.	
Medico-Chirurgical Society. Transactions. Vol. XXXI. 8vo. <i>London</i> 1848.	The Society.
Royal Agricultural Society. Journal. Vol. IX. Parts 1 & 2. 1848–49. 8vo.	The Society.
Royal Asiatic Society. Journal. No. 18. 8vo. <i>London</i> 1848.	The Society.
Transactions of the China Branch of the Royal Asiatic Society, 1847. 8vo.	The Society.
<i>Hong Kong</i> 1848.	
Royal Astronomical Society. Memoirs. Part 1. Vol. XVII.	The Society.
_____ Monthly Notices, November 1847 to June	_____
1848. 8vo. <i>London</i> 1848.	
Royal Geographical Society. Journal. Vol. XVIII. 8vo. 1848.	The Society.
Statistical Society. Journal. Parts 3 and 4, Vol. XI. and Vol. XII. 1848.	The Society.
Zoological Society. Transactions. Vol. III. Parts 5 and 6. 4to. <i>London</i>	The Society.
1848.	
_____ Proceedings. Nos. 177 to 189. 8vo. <i>London</i> 1847–48.	_____
_____ Report : General Meeting, April 29, 1848.	_____
Manchester:—Memoirs of the Literary and Philosophical Society of Man-	The Society.
chester. Vol. VIII. 8vo. <i>London</i> 1848.	
Moscow:—Bulletin de la Société Impériale des Naturalistes de Moscou, for	The Society.
1847. 8vo. <i>Moscou</i> 1847.	
Munich :—	
Abhandlungen der Philosophisch-Philologischen Classe der Akademie der	The Royal Bavarian Aca-
Wissenschaften. Abth. 2. Vol. IV. 4to. <i>München</i> 1846.	
Abhandlungen der Historischen Classe der Akademie der Wissenschaften.	_____
Abth. 1. Vol. IV. 4to. <i>München</i> 1844.	
Abhandlungen der Mathematisch-Physikalischen Classe der K. B. Akademie	_____
der Wissenschaften. Fünften Bandes, Zweite Abtheilung. 4to. <i>München</i>	
1848.	
Abhandlungen der Philosophisch-Philologischen Classe. Vol. V. Abthei-	_____
lung 2. 4to. <i>München</i> 1849.	
Abhandlungen der Historischen Classe. Vol. V. Abtheilung 1. 4to.	_____
<i>München</i> 1849.	
Bulletin der K. Akademie der Wissenschaften, 1848. Nos. 1 to 52. 4to.	_____
<i>München</i> 1848.	
Denkschriften der Akademie der Wissenschaften. Vols. X. to XIV. and	_____
Abtheilung 1. Vol. XV. 4to. <i>München</i> 1832–37.	
Denkrede auf J. G. Zuccarini von Dr. Phil. v. Martius. 4to. <i>München</i> 1848.	_____
Gelehrte Anzeigen. Vol. XV. 1842, and Vols. XXVI. and XXVII. 4to.	_____
<i>München</i> 1848.	
Observationes Astronomicæ in Specula Regia Monachiensi, a J. Lamont.	_____
Vol. XV. 4to. <i>Monachii</i> 1847.	
Rede bei Eröffnung der Sitzung der Akademie der Wissenschaften am 28	_____
März 1848, von Dr. Phil. v. Martius. 4to. <i>München</i> 1848.	
Ueber das Ethische Element im Rechtsprinzip, von A. Buchner. 4to. <i>Mün-</i>	_____
<i>chen</i> 1848.	

PRESENTS.

DONORS.

ACADEMIES and SOCIETIES (*continued*).

Naples:—

Atti della Reale Accademia delle Scienze della Societa Reale Borbonica. The Academy.

Vols. I. to V. 4to. *Napoli* 1819–44.

Rendiconto. Vols. III. to VI., and Nos. 37, 38. 4to. *Napoli* 1844–48. ———

New York:—Annals of the Lyceum of Natural History of New York. 8vo. The Lyceum.
New York 1847.

Oxford:—Proceedings of the Ashmolean Society. No. 25. 8vo. The Society.

Paris:—

Académie des Sciences. Comptes Rendus. Tome XXVI., XXVII. 4to. The Institute of France.
Paris 1848.

Annales de la Société Entomologique de France. Tome VI. Nos. 1, 2. The Society.
8vo. *Paris* 1848.

Archives du Muséum d'Histoire Naturelle. Tome IV. Liv. 3. 4to. *Paris* The Museum.
1849.

Bulletin de la Société de Géographie. Tom. VIII. IX. 8vo. *Paris* 1847–48. The Society.

Bulletin de la Société Géologique de France. Tom. IV. Nos. 53 to 78. The Society.

Tom. V. Nos. 1 to 32. Tom. VI. Nos. 1 to 18. 8vo. *Paris* 1846–49.

Philadelphia:—

Transactions of the American Philosophical Society. Vol. X. Part 1. 4to. The Society.

Philadelphia 1847.

Proceedings of the American Philosophical Society. Nos. 36 to 41. 1846–48. The Society.

Journal of the Academy of Natural Sciences of Philadelphia. Vol. I. The Academy.
Parts 1, 2. 4to. *Philadelphia* 1847–48.

Proceedings of the Academy of Natural Sciences of Philadelphia. Nos. 11, ———
12, Vol. III. No. 1, Vol. IV. 8vo. *Philadelphia* 1846–48.

Journal of the Franklin Institute. Vols. IX. X. XIII. XIV. 8vo. *Phila-* The Institute.
delphia 1845–47.

Prague:—Abhandlungen der Königlichen Böhmischen Gesellschaft der The Society.
Wissenschaften. 4to. *Prag* 1848.

St. Petersburg:—

Mémoires de l'Académie Impériale des Sciences de St. Pétersbourg. Sci- The Imperial Academy.
ences Mathématiques. Tome IV. Liv. 5 and 6. Tome V. Liv. 1 and 2.
Tome VI. Liv. 1 and 2. 4to. *St. Pétersbourg* 1848.

Mémoires de l'Académie Impériale des Sciences de St. Pétersbourg. ———
Sciences Politiques. Tome VII. Liv. 4, 5, 6. 4to. *St. Pétersbourg*
1847–48.

Bulletin de la Classe Historico-Philologique. Tome III. Nos. 67 to 72. ———
Tome IV. 4to. *St. Pétersbourg* 1847–48.

Bulletin de la Classe Physico-Mathématique. Tome V. Nos. 117 to 120. ———
Tome VI. 4to. *St. Pétersbourg* 1847–48.

Recueil des Actes de la Séance Publique de l'Académie Impériale des ———
Sciences de St. Pétersbourg tenue le 29 Décembre 1845 et Janvier
1847. 4to. *St. Pétersbourg* 1848.

Stockholm:—

Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar. Nos. 7 to 9, Royal Academy of Sciences
Fjerde Ärgängen 1847, and 1 to 6, 5^{de} Ärgängen 1848. 8vo. *Stockholm*
1848. at Stockholm.

PRESENTS. ACADEMIES and SOCIETIES (<i>continued</i>).	DONORS.
Stockholm :—	
Kongl. Vetenskaps-Akademiens Handlingar för år 1846.	Royal Academy of Sciences at Stockholm.
Årsberättelse om Zoologiens Framsteg under ären 1845 och 1846, af C. H. Boheman. 8vo. <i>Stockholm</i> 1847.	—————
Årsberättelse om Framstegen i Kemi och Mineralogi afgiven den 31 Mars 1847. 8vo. <i>Stockholm</i> 1848.	—————
Årsberättelse om Zoologiens Framsteg under ären 1843–44. Tredje Delen, af S. Lovén. 8vo. <i>Stockholm</i> 1848.	—————
Turin :—Memorie della Reale Accademia delle Scienze di Torino. Tomo IV. VI. VII. VIII. and IX. 4to. <i>Torino</i> 1842–48.	The Academy.
Utrecht :—	
Aanteekeningen van het verhandelde in de Sectie-Vergaderingen van het Provinciaal Utrechtsch Genootschap van Kunsten en Wetenschappen, ter Gelegenheid van de Algemeene Vergadering in 1847–48. 8vo. <i>Utrecht</i> 1847–48.	The Society.
Verslag van het Verhandelde in de Algemeene Vergadering van het Provinciaal Utrechtsch Genootschap van Kunsten en Wetenschappen voor 1847–48.	—————
Venice :—Esercitazioni Scientifiche e Letterarie dell' Ateneo Veneto. Part 1. Vol. VI.	The Institution.
Zurich :—	
Mittheilungen der Naturforschenden Gesellschaft in Zurich. Heft 1 and 2. Nos. 1 to 26. 8vo. <i>Zurich</i> 1847–48.	The Society.
Denkschrift zur Feier des Hundertjährigen Stiftungsfestes der Naturforschenden Gesellschaft in Zurich am 30 Nov. 1846. 4to. <i>Zurich</i> 1846.	—————
Meteorologische Beobachtungen angestellt auf Veranstaltung der Naturforschenden Gesellschaft in Zurich, 1837–48. 4to. <i>Zurich</i> .	—————
ACLAND (H. W.) Remarks on the Extension of Education at the University of Oxford, in a letter to the Rev. W. Jacobson, D.D. 8vo. <i>Oxford</i> 1848.	The Author.
ADAMS (Arthur) (Editor.) The Zoology of the Voyage of H.M.S. Samarang. Nos. 1, 2, 3. 4to. <i>London</i> 1848.	Lovell Reeve, Esq.
AIRY (G. B.) Astronomical Observations made at the Royal Observatory, Greenwich, in 1846. 4to. <i>London</i> 1848.	The Lords of the Admiralty.
————— Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich, in 1846. 4to. <i>London</i> 1848.	—————
————— Reduction of the Observations of the Moon, made at the Royal Observatory, Greenwich, from 1750 to 1830. 2 vols. 4to. <i>London</i> 1848.	—————
ALLEN (Capt. W.) Narrative of the Expedition to the Niger in 1841. By Captain Allen, R.N., F.R.S., and Dr. Thomson. 2 vols. 8vo. <i>London</i> 1848.	Captain Allen, F.R.S.
ANONYMOUS :—	
A Narrative of Recent Occurrences in Posen. 8vo. <i>London</i> 1848.	Lord Dudley Stuart.
Annales des Mines. Vols. I. to XI. and Livraison 1, 5, 6, Vol. XII. and 1, 2, Vol. XIII. 8vo. <i>Paris</i> 1842–48.	L'École des Mines.
Annuaire du Bureau des Longitudes pour l'an 1848. 8vo. <i>Paris</i> 1847.	Le Bureau des Longitudes.
Annuaire Météorologique de la France pour 1849. 8vo. <i>Paris</i> 1848.	The Authors.

PRESENTS.

DONORS.

ANONYMOUS (*continued*).

- Buildings and Monuments, Modern and Mediæval, edited by George Godwin, F.R.S. The Editor.
- Catalogue of the Fellows and Licentiates of the Royal College of Physicians. 1848. The College.
- Connaissance des Temps pour l'an 1851. 8vo. *Paris* 1848. Le Bureau des Longitudes.
- Dictionary of Greek and Roman Biography and Mythology. Edited by W. Smith, LL.D. Parts 25, 26, 27. The Editor.
- Engravings from Ancient Seals attached to Deeds and Charters in the Muniment Room of Sir Thomas Hare, Bart. fol. *Stowe-Bardolph* 1847. Rev. G. H. Dashwood.
- Eighth and Ninth Annual Reports of the Registrar-General. 8vo. *London* 1849. The Registrar-General.
- Flora Batava. Nos. 144, 145, 146 and 152 to 155. 4to. H. M. the King of the Netherlands.
- List of the Fellows and Members of the Royal College of Surgeons of England. 8vo. *London* 1848. The College.
- Memoirs of the Geological Survey of the United Kingdom. Decade 1. 4to. *London* 1849. The Directors of the Geological Survey.
- Monumenta Historica Britannica; or Materials for a History of Britain, published by command of Her Majesty. Vol. I. fol. *London* 1848. The Secretary of State for the Home Department.
- Papers relating to the Arctic Expedition laid before Parliament. The Admiralty.
- Quarterly Report of the Registrar-General, December 1848. The Registrar-General.
- Report of the Council of the Art-Union of London for the year 1848. 8vo. *London* 1848. The Art-Union.
- Report of the Sixteenth Annual Meeting of the Literary Association of the Friends of Poland. 8vo. *London* 1848. Lord Dudley Stuart.
- Report on Quarantine. Presented to Parliament. 8vo. *London* 1849. The General Board of Health.
- Reports of the Metropolitan Sanitary Commissioners. fol. *London* 1847. The Commissioners.
- Reports of the Registrar-General, June and September 1848. The Registrar-General.
- Reports of the Royal College of Chemistry. Vol. I. 8vo. *London* 1849. The College.
- Summary of the London Returns of Mortality for eleven years, 1838-48. The Registrar-General.
- Supplement to the Barbados Agricultural Reporter. No. 8. Vol. IV. Dr. Davy, F.R.S.
- The Anglo-Saxon. Part 1. 8vo. *London* 1849. The Editor.
- The Art-Union of London and the Board of Trade. The Art-Union.
- The London University Calendar, 1849. The University.
- The Moral Play of Wit and Science, edited by J. O. Halliwell, Esq., F.R.S. 8vo. *London* 1848. The Editor.
- ANSTED (D. T.) The Gold-Seeker's Manual. 8vo. *London* 1849. The Author.
- ARAGO (J. F. D.) Biographie de M. de Condorcet. 4to. *Paris* 1849. The Author.
- ART (Works of, &c.).
- Bronze Copy of a Medal struck by the Royal Society of Edinburgh, bearing the Effigy of Napier of Merchiston, the Inventor of Logarithms. The Royal Society of Edinburgh.
- Bust in Plaster of Don Jorge Juan, Director of the Observatory of San Fernando. Senor J. S. Cerquero.
- View of Ancient London and Westminster in 1543. The Publishers.
- View of James Town, St. Helena, during the Rollers of the 17th of February 1846, by Lieut. Stack. The Author.

PRESENTS.	DONORS.
ATKINS (Mrs.) Photographs of British Algæ. Parts 9 and 10.	The Author.
BAILIE (J. K.) Fasciculus Inscriptionum, Græcarum potissimum ex Galatia, Lycia, Syria et Ægypto, edidit. 4to. <i>Dublinii</i> 1849.	The Author.
BEINERT (C. C.) Der Meteorit von Braunau am 14 Juli 1847. 8vo. <i>Breslau</i> 1848.	The Author.
BEKE (C. T.) Mémoire justificatif en Réhabilitation des Pères Pierre Pæz et Jérôme Lobo en ce qui concerne leurs visites à la Source de l'Abaï (le Nil). 8vo. <i>Paris</i> 1848.	The Author.
————— An Essay on the Sources of the Nile in the Mountains of the Moon. 8vo. <i>Edinburgh</i> 1848.	—————
BESSEL (F. W.) Populäre Vorlesungen über Wissenschaftliche Gegenstände. 8vo. <i>Hamburg</i> 1848.	The Author.
BISHOP (G.) Remarks and Notes to Mr. Bishop's Ecliptic Chart.	The Author.
————— Chart accompanying the above. Hour 1.	—————
BLANCHARD (Émile.) Du Système Nerveux chez les Invertébrés (Mollusques et Annelés), &c. 8vo. <i>Paris</i> 1849.	The Author.
BOGUE (Adam.) Steam to Australia, its general advantages considered. 8vo. <i>Sydney</i> 1848.	L. Boyd, Esq.
BOTFIELD (B.) Bibliotheca Hearneiana. Excerpts from the Catalogue of the Library of Thomas Hearne, A.M. 8vo. <i>London</i> 1848.	B. Botfield, Esq., F.R.S.
————— Catalogue of Pictures in the possession of Beriah Botfield, Esq. 8vo. <i>London</i> 1848.	—————
————— Notes on the Cathedral Libraries of England. 8vo. <i>London</i> 1849.	—————
BOUCHER (C. F.) Recherches sur la Structure des Organes de l'Homme et des Animaux les plus connus. 8vo. <i>Paris</i> 1848.	The Author.
BOWMAN (W.) Lectures on the parts concerned in the Operations on the Globe, and on the Structure of the Retina. 8vo. <i>London</i> 1848.	The Author.
BOYD (B.) A Letter to Sir W. Denison, Lieut. Gov. of Van Diemen's Land, on the Expediency of transferring the unemployed labour of that Colony to New South Wales. 8vo. <i>Sydney</i> 1847.	L. Boyd, Esq.
————— Competence in a Colony contrasted with Poverty at Home. 8vo. <i>London</i> 1848.	—————
BRITTON (J.) The Authorship of the Letters of Junius elucidated. 4to. <i>London</i> 1848.	The Author.
BUSCH (A. L.) Astronomische Beobachtungen auf der Königl. Universitäts-Sternwarte in Königsberg. Abth. 23. fol. <i>Königsberg</i> 1847.	The Observatory.
CARPENTER (W. B.) On the Development and Metamorphoses of Zoophytes.	The Author.
————— Report on the Microscopic Structure of Shells. 8vo. <i>London</i> 1848.	—————
CAUCHY (A. L.) Exercices d'Analyse et de Physique Mathématique. Nos. 38, 39, 40.	The Author.
————— Méthode pour déterminer à priori le nombre des Racines réelles positives et le nombre des Racines réelles négatives d'une équation d'un degré quelconque. 8vo. <i>Paris</i> 1813.	—————
————— Rapports sur divers Mémoires lus à la Première Classe de l'Institut Impérial. 8vo. <i>Paris</i> 1813.	—————

PRESENTS.

DONORS.

- | | |
|--|--------------------------------------|
| CAUCHY (A. L.) Sur la Théorie de la Lumière. | The Author. |
| CAUTLEY (P. T.) and FALCONER (H.) Fauna Antiqua Sivalensis. Parts 7, 8, 9. fol. <i>London</i> 1847-49. | The Marquis of Northampton, V.P.R.S. |
| CERQUERO (J. S.) Almanaque Nautico y Efemérides Astronómicas para los Años de 1845-1850, calculadas de orden de S. M. Para el Observatorio de Marina de la Ciudad de S. Fernando. 4to. <i>Madrid</i> 1843-48. | The Observatory of San Fernando. |
| ————— Periódico Mensual de Ciencias Matemáticas y Físicas. Tomo I. No. 1 to 6. 4to. <i>Cádiz</i> 1848. | ————— |
| CHALLIS (Rev. James.) Astronomical Observations made at the Cambridge Observatory for 1843. Vol. XV. 4to. <i>Cambridge</i> 1848. | The Observatory. |
| CIVIALE (Dr.) De l'Urétrotomie, ou de quelques Procédés peu usités de traiter les Rétrécissements de l'Urètre. 8vo. <i>Paris</i> 1849. | The Author. |
| COLQUHOUN (E. P.) An Authentic Interpretation of the Guarantee of England and France with reference to the Duchy of Schleswig, by Dr. Leverkus, translated and edited with prefatory remarks. 8vo. <i>London</i> 1848. | The Editor. |
| CRAWFURD (John.) Vital Statistics of a District in Java. | Lieut.-Col. Sykes. |
| DANA (James D.) Review of Chambers's Ancient Sea Margins. 8vo. <i>New-haven</i> 1848. | The Author. |
| D'ARCHIAC (A.) Histoire des Progrès de la Géologie. Tome deuxième. Première Partie. 8vo. <i>Paris</i> 1848. | The Author. |
| DAUSSY (P.) Table des Positions Géographiques des Principaux Lieux du Globe. 8vo. | The Author. |
| DAVY (John.) Lectures on the Study of Chemistry in connexion with the Atmosphere, the Earth, and the Ocean. 8vo. <i>London</i> 1849. | The Author. |
| DE BEAUMONT (Élie.) Explication de la Carte Géologique de la France, redigée, &c. Tome II. 4to. <i>Paris</i> 1848. | The French Government. |
| DE KONINCK (L.) Recherches sur les Animaux Fossiles. 4to. <i>Liège</i> 1847. | The Author. |
| DE LA BECHE (Sir H. T.) Address delivered at the Anniversary Meeting of the Geological Society of London, on the 16th of February 1849. 8vo. <i>London</i> 1849. | The Author. |
| DE LA RIVE (A.) Researches on the Voltaic Arc, from the Philosophical Transactions. 4to. <i>London</i> 1847. | The Author. |
| DE MORGAN (A.) On the Additions made to the second edition of the <i>Commercium Epistolicum</i> . | The Author. |
| ————— Trigonometry and Double Algebra. 8vo. <i>London</i> 1849. | ————— |
| DE NOBREGA (G. J.) On the Cultivation of Cochineal. 8vo. <i>London</i> 1849. | The Author. |
| DENT (E. J.) A Treatise on the Aneroid Barometer. 8vo. <i>London</i> 1849. | The Author. |
| DE PERTHES (Boucher). Antiquités Celtiques et Antédiluviennes. 8vo. <i>Paris</i> 1847. | The Author, by Mr. Roach Smith. |
| DE RIVAZ (C.) Description des Eaux Minéro-Thermales et des Étuves, de l'Île d'Ischia. 8vo. <i>Naples</i> 1846. | The Author. |
| ————— Voyage de Naples à Capri et à Pæstum. 8vo. <i>Naples</i> 1846. | The Author. |
| DILLWYN (L. W.) Materials for a Fauna and Flora of Swansea and the Neighbourhood. 8vo. <i>Swansea</i> 1848. | The Author. |
| DORAL (Antonio). Memoria Descriptiva del Circulo de Marcar y sus Aplicaciones. 8vo. <i>Madrid</i> 1848. | The Author. |
| DRACH (S. M.) An easy Rule for Formulizing all Epicyclical Curves with one moving circle by the Binomial Theorem. | The Author. |

PRESENTS.	DONORS.
DUFRENOY and DE BEAUMONT (E.) Explication de la Carte Géologique redigée, &c. Tom. II. 4to. <i>Paris</i> 1848.	The French Government.
DUMONT (A.) Mémoire sur les Terrains Ardennais et Rhénan. 4to. <i>Bruxelles</i> 1848.	The Author.
DU POTET (Le Baron.) Journal du Magnétisme. Tom. I. to V. 8vo. <i>Paris</i> 1845-47.	Le Baron Du Potet.
DURAN (J. A.) Code des Créations Universelles et de la Vie des Êtres. 8vo. <i>Bordeaux</i> 1841.	The Author.
———— Nouveau Système de Physique générale en opposition avec les Principes reçus. 8vo. <i>Paris</i> 1843.	————
ELLIOTSON (J.) Cure of a true Cancer of the Female Breast with Mesmerism. 8vo. <i>London</i> 1848.	The Author.
ENCKE (J. F.) Astronomische Beobachtungen auf der Königlichen Sternwarte zu Berlin. Dritter Band. 4to. <i>Berlin</i> 1848.	The Observatory.
———— Berliner Astronomisches Jahrbuch für 1851. 8vo. <i>Berlin</i> 1848.	————
ERMAN (A.) Reise um die Erde durch Nord-Asien und die beiden Oceane in den Jahren 1828, 1829 und 1830. 3rd Band and Atlas. 8vo. <i>Berlin</i> 1848.	The Author.
FALCONER (H.) and CAUTLEY (P. T.) Fauna Antiqua Sivalensis. Parts 7, 8, 9. fol. <i>London</i> 1847-49.	The Marquis of Northampton, V.P.R.S.
FORBES (John.) A Physician's Holiday. 8vo. <i>London</i> 1849.	The Author.
FORSTER (T. J. M.) L'Age d'Or, ou Pensées Passagères adressées comme Discours préliminaire à ceux qui suivent la science dans sa marche d'aujourd'hui vers la perfection de l'avenir. 8vo. <i>Bruges</i> 1847.	The Author.
———— Mémoire sur les Étoiles Filantes. 8vo. <i>Bruges</i> 1846.	————
FRODSHAM (C.) A few Remarks upon the construction and principles of action of the Aneroid Barometer. 8vo. <i>London</i> 1849.	The Author.
FROST (James.) Description of the Causes of the Explosion of Steam-Boilers. 8vo. <i>New York</i> 1848.	The Author.
GIBBES (R. W., M.D.) Monograph of the Fossil Squalidæ of the United States. 4to. <i>Philadelphia</i> 1848.	The Author.
GILBART (J. W.) A Record of the proceedings of the London and Westminster Bank. 4to. <i>London</i> 1847.	The Author.
———— A Review of the Practical Working of the Act of 1844 for regulating the issue of Notes by the Bank of England. 8vo. <i>London</i> 1849.	The Author.
GLAISHER (J.) Remarks on the Weather during the quarters ending March 31, June 30 and September 30, 1848.	The Author.
GOULD (J.) An Introduction to the Birds of Australia. 8vo. <i>London</i> 1848.	The Author.
———— The Birds of Australia. Parts 31 to 36.	The Marquis of Northampton, V.P.R.S.
GRANTHAM (R. B.) A Treatise on Public Slaughter Houses. 8vo. <i>London</i> 1848.	The Author.
GRAY (J. E.) A Letter to the Earl of Ellesmere on the Management of the Library of Printed Books in the British Museum. 8vo. <i>London</i> 1849.	The Author.
GRIFFITH (W.) Journals of Travels in India. 8vo. <i>Calcutta</i> 1847.	The Directors of the East India Company.

PRESENTS.	DONORS.
GRIFFITH (W.) Development of Organs in Phanerogamous Plants. 8vo. <i>Calcutta</i> 1847.	The Directors of the East India Company.
————— Atlas to the above. 4to. <i>Calcutta</i> 1847.	—————
HALL (Marshall.) Essays chiefly on the Theory of Paroxysmal Diseases of the Nervous System.	The Author.
————— A Letter addressed to the Earl of Rosse, President-Elect of the Royal Society. 2nd edit. 8vo. <i>London</i> 1848.	—————
HERSCHEL (Sir J. F. W., Bart.) Outlines of Astronomy. 8vo. <i>London</i> 1849.	The Author.
HOMERSHAM (S. C.) Supplement to the Report to the Directors of the Manchester, Sheffield and Lincolnshire Railway Company, on the Supply of Surplus Water to Manchester, Salford and Stockport. 8vo. <i>London</i> 1848.	The Author.
HOWARD (Luke.) Barometrographia. fol. <i>London</i> 1847.	The Author.
JERWOOD (J.) A Lecture on the New Planet Neptune, and its Discovery. 8vo. <i>London</i> 1849.	The Author.
JOBERT (A. J.) Traité de Chirurgie Plastique. 2 vols. and Atlas. 8vo. <i>Paris</i> 1849.	The Author.
JOHNSON (M. J.) Astronomical Observations made at the Radcliffe Observatory, Oxford, in 1846. Vol. VII. 8vo. <i>Oxford</i> 1848.	The Radcliffe Trustees.
JOURNALS:—	
Astronomische Nachrichten. Nos. 628 to 665.	Professor Schumacher.
Calcutta Journal of Natural History. No. 30. 8vo. <i>Calcutta</i> 1847.	The Directors of the Hon. East India Company.
Journal of the Agricultural and Horticultural Society of India. Vol. VI. Parts 2, 3. 8vo. <i>Calcutta</i> 1847.	The Society.
Journal of the Asiatic Society of Bengal. February to June 1848, and Nos. 192 to 199. 8vo. <i>Calcutta</i> 1848-49.	The Society.
Journal of the Indian Archipelago. Supplement to No. 6. Vol. I. Nos. 3 to 12. Vol. II. Nos. 1, 2. Vol. III. 8vo. <i>Singapore</i> 1848-49.	The Editor.
Scheikundige Onderzoekingen Gedaan in het Laboratorium der Utrechtsche Hoogeschool. 5 ^{de} Deel, 3 & 4 Stuken. 8vo. <i>Rotterdam</i> 1849.	The Utrecht Society of Sciences.
The American Journal of Science and Arts. Vols. XL. to XLIX. 1841-45.	Messrs. Silliman.
————— Index Volume to First Series.	—————
Vols. I. to VII. Second Series. 1846-49.	
The Athenæum. January to June 1849.	The Editor.
The Boston Journal of Natural History. Vols. I. II. 8vo. <i>Boston</i> 1834-39.	The Editor.
The Builder. Parts 1 to 5. Vol. VII. 1849.	The Editor.
The Literary Gazette. January to June 1849.	The Editor.
JUPP (E. B.) An Historical Account of the Worshipful Company of Carpenters. 8vo. <i>London</i> 1848.	The Carpenters' Company.
KARSTEN (H.) Die Vegetationsorgane der Palmen. 4to. <i>Berlin</i> 1847.	The Author.
KING (Capt. P. P.) On the Specific Gravity of Sea-Water.	The Author.
————— Selections from a Meteorological Journal kept on board H.M.S. Adventure.	—————
KREIL (K.) Magnetische und Geographische Ortsbestimmungen im Österreichischen Kaiserstaate. 4to. <i>Prag</i> 1848.	The Author.
————— Magnetische und Meteorologische Beobachtungen zu Prag. 4to. <i>Prag</i> 1848.	—————

PRESENTS.	DONORS.
KUPFFER (A.) Annuaire Magnétique et Météorologique de Russie, année 1845. 4to. <i>St. Pétersbourg</i> 1848.	The Russian Government.
————— Résumés des Observations Météorologiques, &c. 4to. <i>St. Pétersbourg</i> 1848.	—————
LAMONT (J.) Annalen der Königlischen Sternwarte bey München. 8vo. <i>München</i> 1848.	The Observatory.
LAPLACE (P. S. de.) Œuvres:—Traité de Mécanique Céleste, 5 vols. Exposition du Système du Monde, 1 vol. Théorie Analytique des Probabilités, 1 vol. 4to. <i>Paris</i> 1843-47.	The French Government.
LEE (Robert.) Memoirs on the Ganglia and Nerves of the Uterus. 4to. <i>London</i> 1849.	The Author.
LEIDY (Joseph.) On a new Fossil Genus and Species of Ruminantoid Pachydermata, <i>Merycoidodon Culbertsonii</i> .	The Author.
————— On a new genus and species of Fossil Ruminantia.	—————
————— On some bodies in the Boa Constrictor resembling the Pacinian Corpuscles.	—————
————— Researches into the Comparative Structure of the Liver.	—————
LIBRI (M.) Réponse de M. Libri au Rapport de M. Boucly. 8vo. <i>London</i> 1848.	The Author.
LLOYD (Rev. H.) An Account of a Method of determining the Total Intensity of the Earth's Magnetic Force in Absolute Measure.	The Author.
————— Circular for the Information of the Directors of the British Colonial Magnetical Observatories. 8vo.	Col. Sabine.
————— On the Corrections required in the Measurement of the Magnetic Declination.	The Author.
————— On the Mean Results of Observations. 4to. <i>Dublin</i> 1849.	—————
————— Results of Observations made at the Magnetical Observatory of Dublin during the years 1840-43. 4to. <i>Dublin</i> 1849.	—————
LOUYET (M.) De l'Ébullition des Liquides. 8vo. <i>Bruxelles</i> .	The Author.
LOVELACE (Earl of.) On Climate in connection with Husbandry. 8vo. <i>London</i> 1848.	The Author.
————— On Harbours of Refuge. 8vo. <i>London</i> 1849.	—————
————— Review of the work of Messrs. Rubichon and Mounier, and of the Memoir of M. Benoiton de Chateauf. 8vo. <i>London</i> 1848.	—————
————— Review of "Du Système Social" by A. Quetelet.	—————
LOWE (Edward.) Prognostications of the Weather, or Signs of Atmospheric Changes. 8vo. <i>London</i> 1849.	The Author.
LUBBOCK (J. W.) Appendix to a Treatise "On the Theory of the Moon."	The Author.
————— On the Theory of the Moon, &c. Parts 6, 7. 8vo. <i>London</i> 1848-49.	—————
MACKINNON (W. A.) History of Civilization. 2 vols. 8vo. <i>London</i> 1846.	The Author.
MÄDLER (J. H.) Beobachtungen der Kaiserlichen Universitäts Sternwarte, Dorpat. Elfter Band. 4to. <i>Dorpat</i> 1845.	The Author.
MANTELL (G. A.) A brief Notice of the Organic Remains recently discovered in the Wealden Formation. 8vo. <i>London</i> 1849.	The Author.
————— On the Fossil Remains of Birds collected in New Zealand by Walter Mantell, Esq. 8vo. <i>London</i> 1848.	—————

PRESENTS.

DONORS.

MAPS, CHARTS, &c.:—

Admiralty Charts and Sailing Directions published during 1848.

Eight Cartes, published by the Dépôt de la Marine, 1848.

L'Afrique d'après une Carte de la fin du 17^{ème} Siècle, de la Bibliothèque de M. Béat de Lerber, 1841.

MARTIN (George A.) The Undercliff of the Isle of Wight; its Climate, History and Natural Productions. 8vo. *London* 1849.

MARTIN (John.) Documents and Drawings relating to the Thames and Metropolis Improvement. *London* 1836-49.

MARTINS (C.) Essai sur la Végétation de l'Archipel des Féroë. 8vo.

MAYO (Thomas.) Sequel to Outlines of Medical Proof. 8vo. *London* 1849.

MISCELLANEOUS:—

A Lock of the Hair of the late Sir Humphry Davy, Bart.

Specimens of Tea produced in the District of Kumaon in the N.W. Provinces of the Bengal Presidency.

Two Specimens of Meteoric Iron.

MOON (Robert.) Fresnel and his Followers: a Criticism. 8vo. *Cambridge* 1849.

MORTILLARO (Vincenzo.) Illustrazione di un Astrolabio Arabo-Siculo. 8vo. *Palermo* 1848.

MOUAT (F. J.) The Elements of Anatomy, translated into Hindustani. 8vo. *Calcutta* 1848.

NAPIER (H. E.) Florentine History, from the earliest authentic records to the Accession of Ferdinand the Third. 6 vols. 8vo. *London* 1846.

NEWPORT (George.) On the Anatomy and affinities of *Pteronarcys regalis*, Newm.; with a Postscript, containing descriptions of some American Perilidæ, together with Notes on their Habits. 4to.

————— On the Natural History, Anatomy and Development of the Oil Beetle, Meloë, more especially of *Meloë cicatricosus*. 4to.

NEWTON (Sir Isaac.) Thirteen Letters from Sir Isaac Newton to John Covel, D.D., from original Manuscripts in the Library of Dawson Turner, Esq., F.R.S. 8vo. *Norwich* 1848.

OERSTED (H. C.) Précis d'une Série d'Expériences sur le Diamagnétisme.

OWEN (R.) On Parthenogenesis. 8vo. *London*.

————— On the Nature of Limbs. 8vo. *London* 1849.

PASSOT (F.) Réfutation de la Solution Synthétique donnée par Newton du problème des Forces centrales. *Sheet. Paris* 1849.

PEIRCE (Benjamin.) The Latitude of the Cambridge Observatory, in Massachusetts, determined by W. C. Bond and others.

PELLATT (Apsley.) Curiosities of Glass Making, &c. 4to. *London* 1849.

PERIGAL (Henry.) Transformations of a Kinematic Curve. *A Sheet*.

PETTENKOFER (D. M.) Die Chemie in ihrem Verhältnisse zur Physiologie und Pathologie. Festrede. 4to. *München* 1848.

PICKETT (W. V.) The Fine Arts Journal, containing the Exposition of a New System of Architecture. 4to. *London* 1847.

————— New Forms in Architecture for Iron. 8vo. *London* 1849.

PILBROW (James.) A New Method of Traction for Railways and Canals, called the Hydrodynamic System of Propulsion. 8vo. *London* 1848.

The Admiralty.

Dépôt de la Marine.

M. Béat de Lerber.

The Author.

The Author.

The Author.

The Author.

Lady Davy.

Hon. East India Company.

Prof. Boguslawski.

The Author.

The Author.

The Author.

The Author.

The Author.

—————

D. Turner, Esq., F.R.S.

The Author.

The Author.

—————

The Author.

Major Graham.

The Author.

The Author.

The Bavarian Academy.

The Author.

—————

The Author.

PRESENTS.	DONORS.
PLANA (Jean.) Recherches Analytiques sur la Découverte de la Loi de la Pésanteur des Planètes vers le Soleil, et sur la Théorie de leur mouvement elliptique. 4to. <i>Turin</i> 1848.	The Author.
PORTRAITS:—	
Portrait of J. J. Selby, Esq.	Mr. George Ransome.
Dr. John Lee, F.R.S.	_____
William Yarrell, Esq.	_____
John Gould, Esq., F.R.S.	_____
J. S. Henslow, Esq.	_____
N. Wallich, Esq., F.R.S.	_____
Sir William Jardine.	_____
Bishop of Norwich, F.R.S. (<i>Lithograph</i> by T. H. Maguire.)	_____
Lieut. Holman, F.R.S., by J. R. Jackson, from the Picture by J. P. Knight, R.A. <i>Mezzotint</i> .	Lieut. Holman, F.R.S.
W. R. Grove, Esq., from a Daguerreotype by Mr. Claudet.	Mr. Claudet.
The Marquis of Northampton, P.R.S., by the late Thomas Phillips, Esq., R.A.	The Marquis of Northampton.
Sir Charles Lyell, F.R.S., <i>lithograph</i> , from a Daguerreotype by J. E. Mayall.	Mr. J. E. Mayall.
M. Faraday, Esq., F.R.S., from a Daguerreotype by Mr. Claudet. <i>Lithograph</i> .	Mr. Claudet.
QUARANTA (Bernardo.) Illustrazione di una Ostagra dissotterrata in Pompei e falsamente chiamata Forcipe Ercolanese. 8vo.	The Author.
QUETELET (A.) Notice sur Le Colonel G. P. Dandelin. 8vo. <i>Bruxelles</i> 1848. _____ Du Système Social et des Lois qui le régissent. 8vo. _____ <i>Paris</i> 1848.	The Author.
_____ Observations des Phénomènes Périodiques. 4to. <i>Bruxelles</i> 1848.	_____
_____ Sur le Climat de la Belgique. 4to. <i>Bruxelles</i> 1848.	_____
REGNAULT (V.) Cours Élémentaire de Chimie. 4to. <i>Paris</i> 1848.	M. Biot.
ROGERS (H. D.) An Address on the recent progress of Geological Research in the United States, delivered at the Fifth Annual Meeting of the Association of American Geologists and Naturalists, held at Washington in May 1844. 8vo. <i>Philadelphia</i> 1844.	The Author.
ROGERS (W. B.) and ROGERS (R. E.) On the Absorption of Carbonic Acid Gas by Liquids. 8vo. <i>Newhaven</i> 1848.	The Authors.
ROGERS (H. D.) and ROGERS (W. B.) An Account of Two Remarkable Trains of Erratic Blocks in Berkshire, Massachusetts.	The Authors.
ROSS (Sir John.) A Short Treatise on the Deviation of the Mariner's Compass. 8vo. <i>London</i> 1849.	The Author.
ROTHMAN (R. W.) Observations on the Climate of Italy and other Countries in Ancient Times. 8vo. <i>London</i> 1848.	The Author.
SAINT GERMAIN (Bertrand de.) Des Manifestations de la Vie et de l'Intelligence à l'aide de l'Organisation. 8vo. <i>Paris</i> 1848.	The Author.
SCHNEIDER (W. G.) Ueber das Meteoreisen von Seeläsgen bei Schwiebus.	The Author.
SCHUMACHER (C. H.) Astronomische Nachrichten. Nos. 628 to 665. 4to.	The Author.
SHADWELL (C. F.) Tables for determining the Latitude by the Simultaneous Altitudes of two Stars. 8vo. <i>London</i> 1849.	The Author.

PRESENTS.	DONORS.
SIBSON (Francis.) Illustrations of Diseases of the Chest. 8vo. <i>Worcester</i> 1844. On the Movements of Respiration in Disease, and on the use of a Chest-Measurer. 8vo. 1848.	The Author.
SIMPSON (J. Y.) Obstetrical Statistics, &c.; a second letter in reply to Dr. Collins. 8vo. <i>Edinburgh</i> 1848.	The Author.
SMEE (Alfred.) Elements of Electro-Biology. 8vo. <i>London</i> 1849.	The Author.
SMYTH (Capt. W. H.) Description of an Astrological Clock belonging to the Society of Antiquaries. 4to.	The Author.
SMYTH (C. P.) On the Determination of the True Strength and Direction of the Wind at Sea. 4to. <i>Edinburgh</i> 1848.	The Author.
Notice of the Orbit of the Binary Star α Centauri, as recently determined by Captain Jacob. 4to. <i>Edinburgh</i> 1848.	The Author.
SOLLY (E.) Syllabus of a Complete Course of Lectures on Chemistry. 8vo. <i>London</i> 1849.	The Author.
SOMERVILLE (Mary.) Physical Geography. 2 vols. 8vo. <i>London</i> 1848.	The Authoress.
SPENCE (William.) Address delivered at the Anniversary Meeting of the Entomological Society of London on the 22nd Jan. 1849. 8vo. <i>London</i> 1849.	The Author.
STANFORD (J. F.) Systematic Colonization; a Series of Letters. 8vo. <i>London</i> 1848.	The Author.
STRATFORD (Lieut.) The Nautical Almanac for the year 1852. 8vo. <i>London</i> 1848.	Lieut. Stratford, F.R.S.
SYKES (Lieut.-Col.) A Notice respecting some Fossils collected in Cutch, by Captain Walter Smee.	The Author.
Mortality in the Jails of the twenty-four Pergunnahs, Calcutta.	_____
Notes on the Religious, Moral, and Political State of India before the Mahomedan Invasion.	_____
On the Population and Mortality of Calcutta.	_____
Report of a Committee of the Council of the Statistical Society of London to investigate the State of the Inhabitants and their Dwellings in Church Lane, St. Giles's.	_____
Statistics of Civil Justice in Bengal.	_____
TAYLOR (T. G.) Meteorological Observations made at the Meteorological Bungalow on Dodabetta, 8640 feet above the level of the sea, in 1847-48. 4to. <i>Madras</i> 1848.	The Directors of the Hon. East India Company.
Astronomical Observations made at the Observatory at Madras in 1843-47. 4to. <i>Madras</i> 1848.	_____
Meteorological Observations made at the Observatory at Madras in 1841-45. 4to. <i>Madras</i> .	_____
TEMMINCK (C. J.) Coup-d'œil général sur les Possessions Néerlandaises dans l'Inde Archipélagique.	J. E. Gray, Esq., F.R.S.
TURNER (Dawson.) Guide to the Historian, the Biographer, the Antiquary, the Man of Literary Curiosity and the Collector of Autographs, towards the Verification of Manuscripts by reference to Engraved Fac-similes of Handwriting. 8vo. <i>Yarmouth</i> 1848.	The Author.
VERLANDER (H.) The Vestal, and other Poems. 8vo. <i>London</i> 1837.	The Author.
WALDHEIM (G. F. de.) Notice sur quelques Sauriens Fossiles du Gouvernement de Moscou.	The Author.

PRESENTS.	DONORS.
WALTERSHAUSEN (Sartorius v.) <i>Physisch-geographische Skizze von Island.</i> 8vo. <i>Göttingen</i> 1847.	The Author.
WARREN (J. C.) <i>Effects of Chloroform and of Strong Chloric Ether, as Narcotic Agents.</i> 8vo. <i>Boston, U.S.</i> 1849.	The Author.
————— <i>The Physiological Effects of Alcoholic Drinks, with Documents and Records of the Massachusetts Temperance Society.</i> 8vo. <i>Boston, U.S.</i> 1848.	—————
WARTMANN (E.) <i>Sur divers Phénomènes Météorologiques.</i>	The Author.
————— <i>Troisième, Cinquième, Sixième et Septième Mémoires sur l'Induction.</i> 8vo.	—————
WELD (C. R.) <i>The Eleventh Chapter of the History of the Royal Society, with a review of the same by Professor De Morgan, reprinted by Charles Babbage, Esq., F.R.S.</i> 8vo. <i>London</i> 1848.	C. Babbage, Esq., F.R.S.
WHICHCORD (J.) <i>Observations on the Sanitary Condition of Maidstone.</i> 8vo. <i>London</i> 1849.	The Author.
WILLIAMS (George.) <i>Historical and Descriptive Memoir on the Town and Environs of Jerusalem.</i> 8vo. <i>London</i> 1849.	The Rev. Robert Willis.
WILLICH (C. M.) <i>Annual Supplement to the Tithe Commutation Tables.</i> 8vo. <i>London</i> 1849.	The Author.
WILLIS (Rev. Robert.) <i>The Architectural History of the Holy Sepulchre at Jerusalem.</i> 8vo. <i>London</i> 1849.	The Author.
WINDUS (Thomas.) <i>A New Elucidation of the Subjects on the celebrated Portland Vase.</i> fol. <i>London</i> 1845.	The Author.
WEDGWOOD (J.) <i>Reprint of a description of the Portland Vase, by J. Wedgwood, F.R.S., with the addition of notes by Thomas Windus, F.S.A.</i> fol. <i>London</i> 1845.	Thomas Windus, Esq.